



COPIES OF THIS  
ORIGINAL FILED

#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ulrich Braun

Serial No.:

Filed: METHOD AND DEVICE FOR  
SEWAGE TREATMENT

) Examiner:

) Group Art Unit:

) Certificate of Express Mailing Under 37 C.F.R. §1.10  
) I hereby certify that this correspondence (along with  
) any paper referred to as being attached or enclosed) is  
) being mailed via "Express Mail Post Office to  
) Addressee" service of the United States Postal  
) Services (Express Mail Label No. EV013604950US)  
) on the date shown below in an envelope addressed to  
) the Commissioner of Patents & Trademarks, U.S.  
) Patent and Trademark Office, Washington, D.C.  
) 20231

) Dated: 01/11/02

By: Kim A. Cabello  
Kim A. Cabello

Assistant Commissioner for Patents  
Washington, DC 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to examination of the above-identified continuation application, please amend the application as follows:

In the Specification

Page 1, line 1, please add the following sentence: "The present application is a continuation of a co-pending application Serial No. 09/445,249, filed June 5, 2000, entitled "METHOD AND DEVICE FOR SEWAGE TREATMENT," the disclosure of which is hereby incorporated by reference in its entirety.

In the Claims

Please CANCEL claims 1-30.

Please ADD the following new claims:

31. A method of treating sewage; said method comprising:  
separately collecting black water;  
selectively performing liquid/solid separation of said black water; and  
performing fermentation of solids of said black water.
32. A method of utilizing waste waters; said method comprising:  
separately collecting faecal waste water with urine separation toilets;

selectively performing liquid/solid separation of said faecal waste water; and  
performing fermentation of solids of said faecal waste water.

33. A method of treating sewage; said method comprising:  
separately collecting faecal waste water with urine separation toilets; and  
performing fermentation of said faecal waste water.
34. A method of utilizing black water; said method comprising:
- (a) separately collecting black water from toilets with or without urinals;
  - (b) selectively performing liquid/solid separation of the black water collected in (a);
  - (c) performing oxidation by microorganisms of a liquid phase obtained in (b);
  - (d) performing solid/liquid separation of the product obtained in (c);
  - (e) selectively utilizing the liquid phase obtained in (d) for at least one of:
    - (i) collecting black water according to (a); and
    - (ii) as mineral fertilizer;
- and
- (f) optionally repeating (a) through (e) one or more times.

#### REMARKS

Claims 31-34 are all the claims pending in the present application, claims 1-30 having been canceled. The addition of claims 31-34 does not introduce new matter.

Applicant respectfully submits that claims 31-34 are allowable, and consequently, that the present application is in condition for allowance. Early favorable action on the merits is requested.

Respectfully Submitted,

PILLSBURY WINTHROP, LLP

Dated: January 11, 2002

By: \_\_\_\_\_

*Victor J. Castellucci*  
Victor J. Castellucci  
Registration No. 43,535  
Attorneys For Applicant

50 Fremont Street  
P.O. Box 7880  
San Francisco, CA 94105  
Telephone: (619) 544-3109  
Facsimile: (619) 236-1995